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Figure 1A

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Figure 1B

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Figure 1C

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* L49 V_R * * *

1 MEVQLQESGP SLVKPSQTLS LTCSVTGDSI TSGYWNWIRK FPGNKLEYMG

* * *

51 YISDSGITYY NPSLKSRISI TRDTSKNQYY LQLNFVTAED TATYNCAARRT

218 Linker *

101 LATYYAMDYW GQGTSVTVSS GSTSGSGKPG SGEGSTKGDF VMTQTPLSLP

L49 V_L

151 VSLGDQASIS CRASQSLVHS NGNTYLHWYL QKPGQSPKLL IYRVSNRFSG

201 VPDRFSGSGS GTDFTLKISR VEAEDLGVIYF CSQSTHVPPT FGGGTKLEIK

251 RTPVSEKQLA EVVANTITPL MKAQSVPGMA VAVIYQGKPH YYTFGKADIA

301 ANKPVTPQTL FELGSISKTF TGVLGGAIA RGEISLDDAV TRYWPQLTGR

351 QWQGIRMLDL ATYTAGGLPL QVPDEVTDNA SLLRFYQNWQ PQWKPGTTRL

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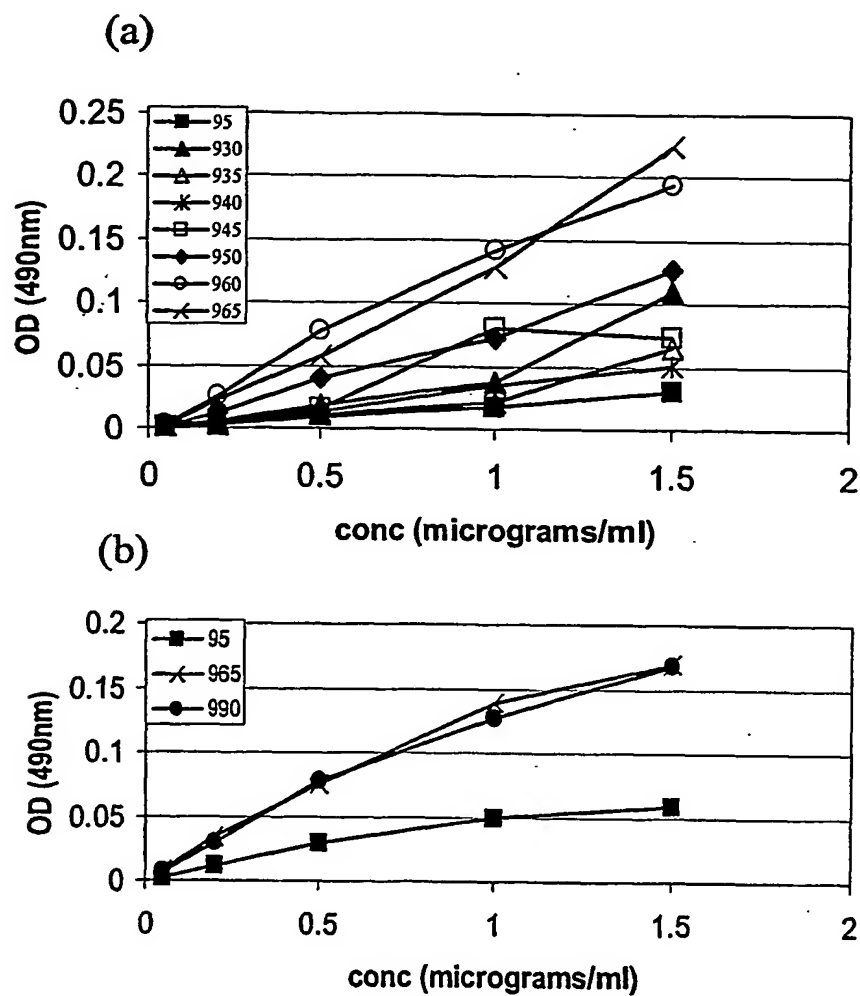
501 QGIALAQSRV WRIGSMYQGL GWEMLNWPVE ANTVVETSFG NVALAPLPVA

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601 VEAAYHILEA LQ

Figure 1D

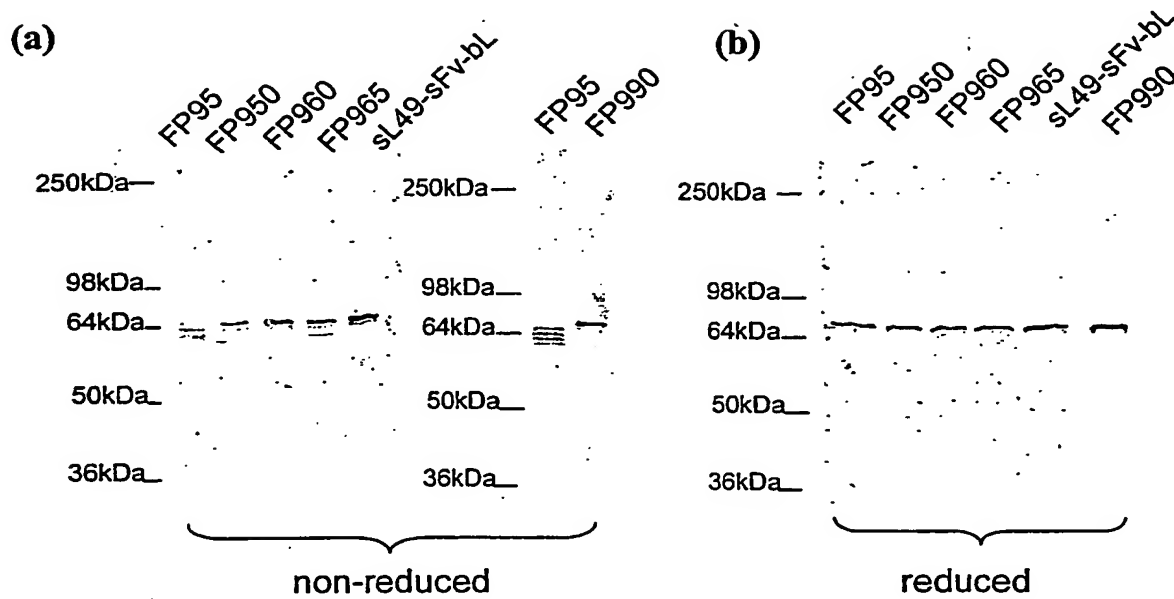
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Figures 2A-2B

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Western analysis of refolded molecules



Figures 3A-3B

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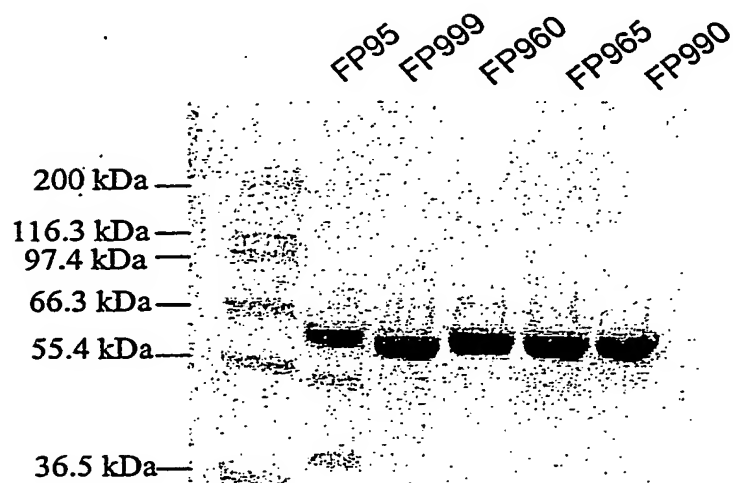
Purified L49-sFv-bL wild-type and mutant fusion protein

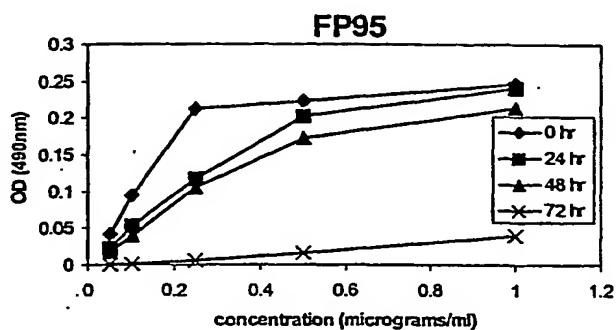
Figure 4

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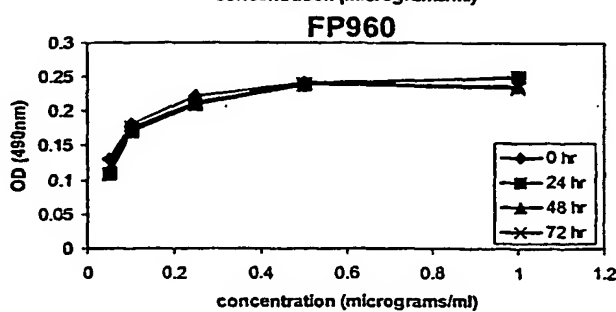
Figures SA-SE

Stability of L49-sFv-bL parental and mutant molecules in mouse plasma

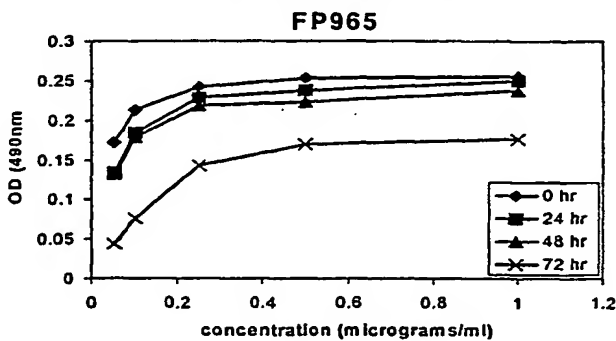
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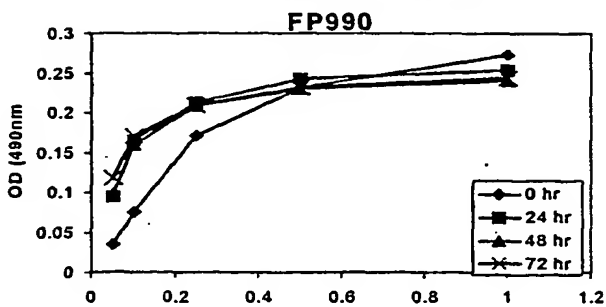
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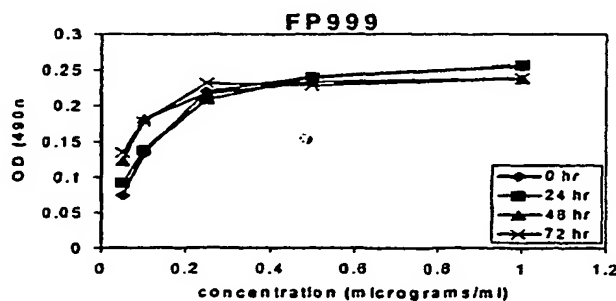
C.



D.



E.



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Cytotoxic Effects of Mutant L49-sFv-bL molecules FP990 and FP999 in combination with C-Mel

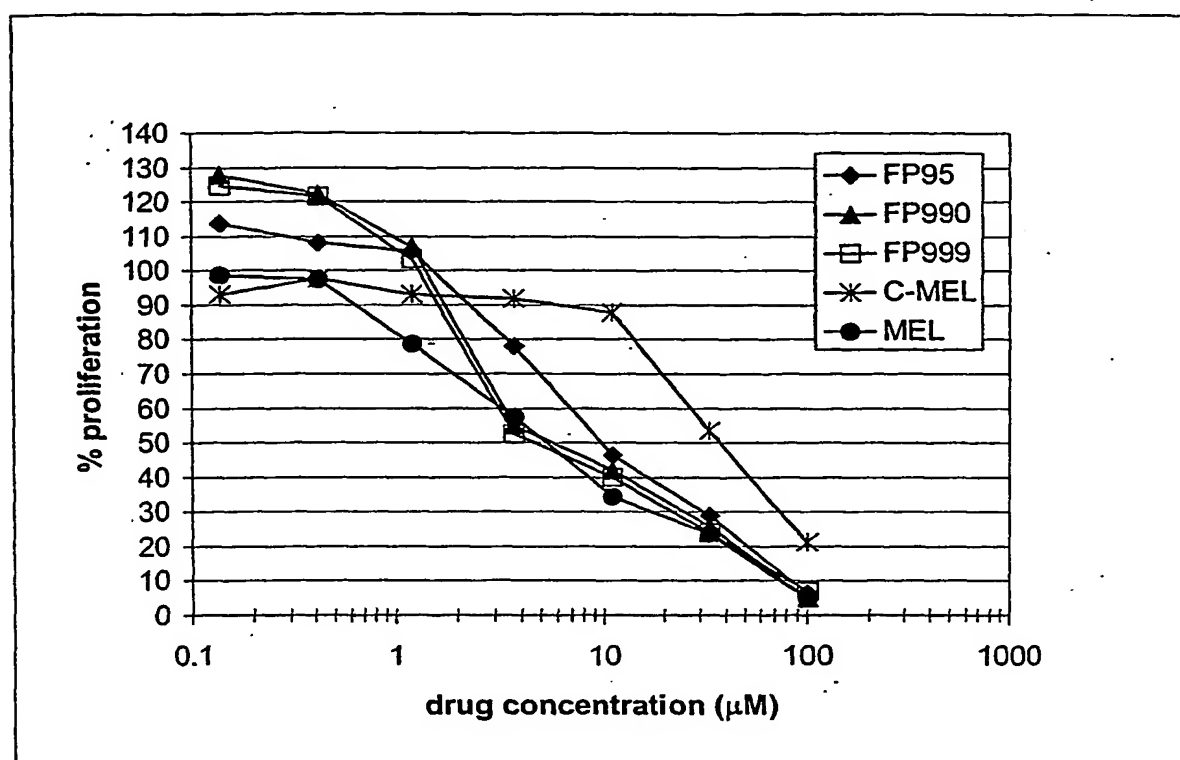


Figure 6

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In vivo efficacy of mutant L49-sFv-bL molecules FP990 and FP999 in combination with C-Mel